

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000167

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65G 47/76, B65G 47/84 // B07C 3/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65G, B07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 2728936 A1 (DEUTSCHE POST INSTITUT FÜR POST- OCH FERNMELDEWESEN), 2 February 1978 (02.02.1978) --	1,5
X	US 4564105 A (BROUWER ET AL), 14 January 1986 (14.01.1986) --	1,5-6,10-13, 17-19,25
A	US 4541532 A (WILSON), 17 Sept 1985 (17.09.1985) --	1
A	US 20030024215 A1 (HANDEL ET AL), 6 February 2003 (06.02.2003) --	1



Further documents are listed in the continuation of Box C.



See patent family annex.

\*

Special categories of cited documents:

"A"

document defining the general state of the art which is not considered to be of particular relevance

"E"

earlier application or patent but published on or after the international filing date

"L"

document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O"

document referring to an oral disclosure, use, exhibition or other means

"P"

document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search

25 October 2004

Date of mailing of the international search report

27 -10- 2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer

Mariana Eddin/EK  
Telephone No. +46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000167

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20010032807 A1 (POWELL. JR), 25 October 2001 (25.10.2001) --	1
A	US 5655643 A (BONNET), 12 August 1997 (12.08.1997) -- -----	1

BEST AVAILABLE COPY

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/NO 2004/000167

REST AVAILABLE COPY

DE	2728936	A1	02/02/1978	CS	211438 B	26/02/1982
				DD	127103 A	07/09/1977
				PL	119056 B	30/11/1981
				PL	199840 A	28/03/1978
				SU	679491 A	15/08/1979
-----						
US	4564105	A	14/01/1986	EP	0149349 A	24/07/1985
				JP	60148817 A	06/08/1985
-----						
US	4541532	A	17/09/1985	CA	1214436 A	25/11/1986
-----						
US	20030024215	A1	06/02/2003	US	6546697 B	15/04/2003
				US	20030046898 A	13/03/2003
-----						
US	20010032807	A1	25/10/2001	NONE		
-----						
US	5655643	A	12/08/1997	AT	203735 T	15/08/2001
				CA	2253474 A,C	13/11/1997
				DE	69705952 D,T	04/04/2002
				DK	918715 T	05/11/2001
				EP	0918715 A,B	02/06/1999
				SE	0918715 T3	
				ES	2161463 T	01/12/2001
				JP	3138482 B	26/02/2001
				JP	2000501367 T	08/02/2000
				PT	918715 T	30/01/2002
				WO	9742111 A	13/11/1997
-----						